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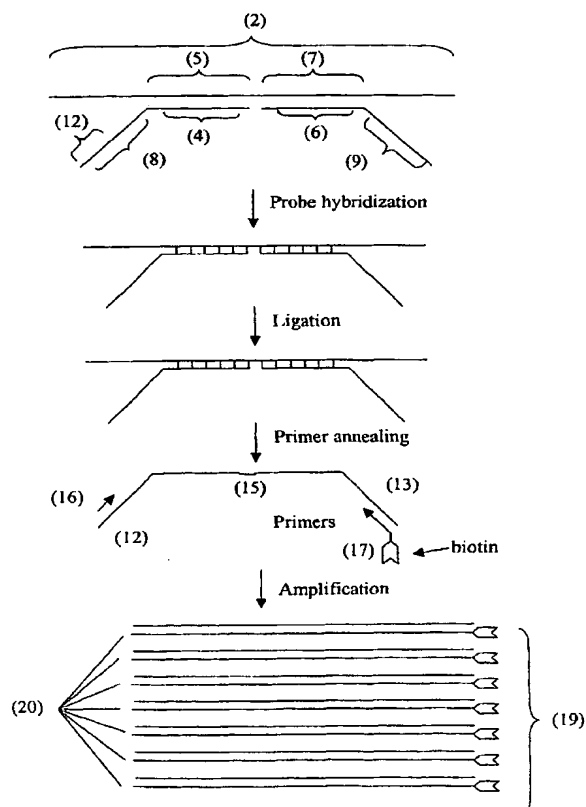
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01205114.0 28 December 2001 (28.12.2001) NL(71) Applicant (for all designated States except US): **KEY-GENE N.V.** [NL/NL]; P.O. Box 216, NL-6700 AE Wageningen (NL).

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(54) Title: DISCRIMINATION AND DETECTION OF TARGET NUCLEOTIDE SEQUENCES USING MASS SPECTROMETRY



(57) Abstract: A method for determining the presence or absence of at least one target sequence in a nucleic acid sample, comprising the steps of performing an oligonucleotide ligation assay, digesting the resulting amplified probes with a restriction enzyme isolating detectable fragments and the determining the presence of detectable fragments by mass spectrometry.